BY HOWARD S. FISK.

MOTOR trip which should rereceive favorable consideration by motorists in search of a trip abounding in good roads is from Washington to Frederick via Damascus and Newmarket, returning over the Baltimore-Frederick turnpike as far east as Catonsville and thence back via Relay and the Baltimore-Washington boulevard. The run is a most desirable one and interesting every bit of the way. The distance is about 125 miles, which makes just long enough

run at this season of the year. From Washington to Rockville a new macadamized road has recently been con-The new highway can be reached by either motoring out Massachusetts avenue extended or Connecticut avenue extended, turning to the left lane and again to the right upon reaching the Tenleytown-Rockville pike. Those riving at Wisconsin avenue and follow which gradually becomes what is known as the Rockville pike. At the blacksmith shop at Bethesda, the right fork is taken, at the same time leaving the electric car The speed laws should be ob- short distance beyond with the Baltimoreserved along this stretch between Washington and Rockville, as a motor cycle officer is now constantly on duty since

TOLL GATES TO GO.

The Maryland state roads commission has purchased the sixteen miles of the Union turnpike extending from the District line to Olney via Silver Spring, Norbeck and Oakdale, and from Olney to Ashton via Sandy Spring. Announcement is made that work of resurfacing the pike, will be started this week. All of the toll gates will be abolished.

made for Washington, which might be

at the Chevy Chase Club into Bradley with many curves and sharp turns. After a view of the beautiful suburban resimotoring out Massachusetts avenue have turn to the right is made down a steep effort upon the placing of the new system but to make a turn to the right on ar- grade, at the foot of which the tracks of the Pennsylvania railroad are crossed. this highway in a northerly direction, At this point caution should be exercised; as there are several tracks abreast and the turn a sharp one at the foot of the knew operating costs with any degree of tracks, which take the left fork at this passes through St. Denis and connects a troduced upon a system full of ineffi-

> Washington boulevard. onto the boulevard, the balance of the methods. The motor system must be op-

Must Be Operated Under High-Tension Methods for Best Results.

That the motor truck is an assured suc cess-that it has come to stay, can no longer be seriously doubted. The questaken, which is of the macadam type, tion with business men now is "How can returns?' Having adopted the motor dences which line this thoroughfare on truck method of transporting goods, ownon the most profitable basis.

When the horse ruled supreme, not one merchant or manufacturer in a thousand ciency and waste. Horse-drawn vehicles Turning sharply once more to the right have been operated under low tension the completion of the new road. The trip is easy going, as this fine oiled high- erated under high tension methods to se-

During the day the pick-up wagons g about the lumber yard to the different lumber piles. On these wagons loads are made up, ready to be delivered around the city and suburbs. The entire load is then transferred from rollers on the pickup wagons to the rollers on the platform, where it remains as a unit until the

notor truck is ready to take it on. Truck Replaced Nine Teams.

The individual boards making up the oad are handled only once and-more important still-the motor truck is never held up. The investment is never idle. hour of the day. Two department stores are using trucks of the same make and size. It costs one firm 10 cents per package to deliver, the other firm 6 cents -the difference due to loading systems. In road construction work in Wisconsin a certain automatic dumping truck we make an installation pay the biggest replaced nine teams. The truck was loaded with crushed rock from overhead hoppers and when run to the point of delivery dumped in 15 seconds. By this no explosion could be secured from the either side all the way into Relay, a ers of cars are now concentrating their plan it was possible to avoid costly waits motor at each end of the line and the truck was worked at maximum efficiency.

NEW HILL-CLIMBING MARK. hill. The road bears to the left and accuracy. Thus the motor truck was in- Wild Bill Turner Makes Fast Time Up Dizzy Western Trail.

The speed record for an automobile over the steep and dangerous grade up Mount Falcon, near Morrison, Col., was cut in two last week, when William Turner, better known as "Wild Bill," said to be SCENES ON MOTOR TRIP THROUGH MARYLAND one of the most sensational professional drivers known to the automobile world, dashed over the road in a Maxwell "25" at a speed that made lookers-on gasp, and made the run, for which the previous record was twenty-two minutes, in eleven minutes and thirty-two seconds, winning the hill-climbing contest given under the auspices of the Denver Motor

> The climb, which was three and a half miles long, and has a grade of from 12 to 20 per cent all the way. & one of the most difficult known to automobilists. The curves are so sharp and the road so known to make the run. Half-way up the course the rear wheels of his machine slid away as a bit of the road on a sharp curve crumbled. A dizzy 1,500 feet the mountain side drops from that point to the rocky ravine below. Slowly the car sank back, brakes gripping and screeching, and then, gaining momentum and with the weight of E. W. Swansbrough his mechanician, thrown far out, Wild Bill piloted his little car back, shot around the curve and disappeared up the mountain side. All of the cars in the climb were small

minutes and thirty-two seconds.

AUTO ENGINE GETS COLD STORAGE TEST

Successful-Some Winter Motor Advice.

Motorists living in the northern and

ments were based on the ordinary commercial grade of gasoline, and, while some allowance must necessarily be made for the dead air incident to refrigeration, the tests will, it is believed, come close It is productive during every working to the actual condition which will prevail this winter.

It was ascertained that the lowest temperature at which gasoline would vaporize for a piece of waste, soaked in the fluid and dropped on the floor, was 8 degrees above zero. At this temperature a sixcylinder touring car used in the tests tarted handily on the first turn of the electric cranking system. Below this temperature, however, the gasoline in the carburetor refused to vaporize. Naturally, based on the seriousness of the defect, or

Fuel of Lower Grade.

For the advantage of the motorist who the gasoline readily responding to any exwas to place a rag, soaked in hot water, over night in the cold storage apartment. with the temperature at 12 below zero. In the morning the rag was applied and the motor started promptly on the first turn of the electric cranking apparatus. This test also calls attention to the fact that, by improved carburetion supplemented by the electric starting system, engineers have fully kept pace with the steadily lowering grades of gasoline generally on sale. The motorist of former times, even with his advantage of high test gasoline, found winter starting more or less trouble. On the other hand, the modern improvements have reduced cold weather starting to absolute .simolicity, despite the vastly lower vaporizing point of the fuel.

BARNHART REPORTS PROGRESS

Automobiles, He Says. William P. Barnhart, who left Washngton about ten days ago on a trip through his territory in Virginia and West Virginia, is now en route for the border line of Ohio. Up to the present border line of Ohio. Up to the present his company is not looking to get the time he has closed contracts, he reports, best of it but to retain the good wil' for seventy-five King cars, forty Pullmans and ten Standard electrics with

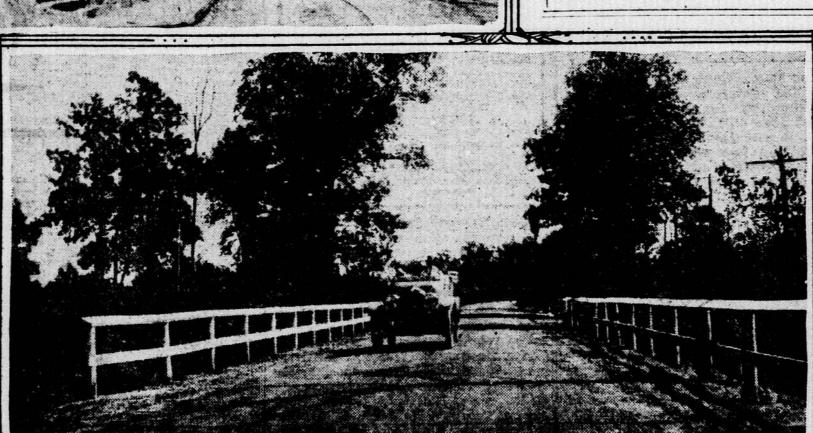
dealers in this section of the country. He reports the weather delightful and the roads in ideal condition. He says cars, with two exceptions, three being of the larger type. The nearest competitor to the Maxwell was fourteen have more orders than they have cars, and have more orders than they have cars, and the public is buying more cars now than any previous fall in the history of the everywhere, he says, and the local banks seem to have plenty of money. The farmers are well financed and are all buyng cars, he concludes.

Motored From Geneseo, N. Y.

Mr. and Mrs. Azel Ford arrived in this city Friday noon from Geneseo, N. Y., This Duryea touring car. They left Thursday morning at 9 o'clock, coming via Sunbury, Harrisburg and Gettysburg, Pal The total distance covered on the run was 394 miles. Mr. and Mrs. Ford have been spending the summer at Geneseo, and have opened their home here for the

Wins Dewar Trophy.

A cable from London, England, announces that the 'Cadillac has again been awarded the Dewar trophy by the Royal Automobile Club of England. This award is made annually to the motor car demonstrating the greatest advance in the industry. The Cadillac is said to be the only American car ever accorded the honor and the only car in the world recelving the award twice.



ON THE BALTIMORE WASHINGTON BOULEVARD

LILICOTT CITY MD. road is followed for several miles to Damascus, situated on the same highway

in the direction of Frederick. Damascus is situated about thirty-four miles out from the National Capital, with Kempway is followed through Laurel, Beltstown a couple of miles beyond. A little ville. Hyattsville and Bladensburg, later on comes Claggettsville, about a entering the National Capital at the mile and a half distant, on the outskirts corner of 15th and H streets, northeast. of which is found a fork in the road with It is hardly possible to procure a trip a frame church in the center. Taking of a day's run which abounds in such a large percentage of macadamized roads, the left fork, a good dirt road is followed and whether the trip be made in dry until within a short space of time it conor wet weather, with one or two exnects up with a good macadamized road. ceptions the roads can be negotiated with-Once on the macadam highway good out fear of becoming mired. time can be made, for this fine road leads directly into Monrovia, about forty-two miles from Washington. The scenery through this section of the country just

HE NEW ROCKVILLE PIKE

distance from Washington to the county

Passing through the main street of

Rockville, paralleling the electric car

tracks, a right turn is made at the top

on Grove, less than five miles distant.

The road is of the macadamized type and always in splendid condition for motor-

ing. About four miles out a dirt road, bearing to the right and connecting with the macadam roadway, takes the motorist over in the direction of Washington Grove, which is reached after a short

run from the main pike. Turning to the

left when near the railroad station the road is followed for a short distance,

when a right turn is made, and the tracks of the Baltimore and Ohio rail-

road crossed over a wooden bridge.

Turning to the left after crossing the

bridge, the macadam road is again picked

up and at the first fork in the road a

turn to the right taken for Laytonsville.

From here on the trip is made over what

is known as the Laytonsville pike, the

town bearing that name being situated about six miles beyond Washington

Passing through Laytonsville, the same

Pass Through Laytonsville.

Grove.

now is picturesque. With the trees in autumn trim and the wind-swept roadway, skirting in and out among the trees along the highway, nature will here be found in her full array of beauty. All the motoriet has to do is to continue over this pike into the town of Newmarket, located on the main highway between Baltimore and Hagerstown.

Entering upon the main highway through the state of Maryland at this

point, a turn is made to the left for Frederick, eight miles distant. This section of the road has recently undergone a new surface, and is in better condition than it has been for a number of years. Just before entering Frederick a descent is made to the Monocacy river, which is crossed by the his-toric "Jug" bridge, which receives this name from the tall stone jug which occupies a commanding position at the approach to the structure. The road enters the county seat of Frederick Buses Carry Twenty-Two Passengers all eaten up in fixed charges. county, via East Patrick street, passing the fair grounds en route. Frederick is situated 44.5 miles from Washington.
Ample hotel and garage facilities may

be found here, and if it is too early for dinner the motorist can reverse his machine and start on the second leg of his journey, from Frederick to Catonsvile, stopping for one of the famous through the Bedretto valley and the Nu- truck owners and manufacturers of comdinners at Ridgevile, Md.

On to Ridgeville.

From Frederick the same route is ket. Passing through this place, the The Baltimore-Frederick highway is followed the remainder of the distance from Ridgeville on to Catonsville, one of Baltimore's most popular suburbs.

The pike from Ridgeville on has been The pike greatly improved and many motorists

are taking trips over this route. The road passes through Poplar Springs, Lisbon and Cooksville, where another road from Washington connects. The road conditions are about the same, with the exception that there is a considerable drop into Ellicott City and a master General.

vision broughams, finished in block, with the interior of blue leather upholstery, were delivered within the past few days to Mrs. Mabel G. McKay is used, but by the use of yard pick-up wagons and a special loading platform the possible daily mileage of the truck has been increased to a point where it is only accomplished by equipping the yard earther on, where a turn to the right is livered to Mrs. Grace Davis Lee.

AUTO SERVICE IN ALPS. About Twenty-Five Miles.

New Market Frederick New Market

Popuar Springs

Cooksville

Washington .

........................

.......

. 123.6

An electric automobile service has

The automobiles have a capacity for followed via "Jug" bridge to Newmar- twenty-two passengers and make the trip in one and three-quarter hours on house in Los Angeles increased the effimotorist continues on to Ridgeville, about six miles away. The country is rolling, and the run a delightful one.

The Relitimore Frederick block of the place, the express service, running at the rate of clency of its fleet of eleven motor trucks over 30 per cent by the use of warehouse pick-up trucks, designed so that two make route, and three trips are made daily in a complete motor truck load. These small

Detroit Broughams Delivered.

Detroit electric, forward-drive, clear-

an exit on the opposite side. Ideal road A brougham of the same make and only accomplished by equipping the yard conditions prevail the remainder of the type, finished in blue, with the interior pick-up wagons and the loading platform distance to Catonsville, a few miles of imported gray whipcord, was also de-

operating one truck or a fleet is to arrange the system so that the vehicle may be kept constantly at work. If an investment of from \$4,000 up stands idle for any great length of time, the profits are Loading Apparatus Helps.

But if the installation is kept on the been established across the Alps, at a move the greater part of the working cost of approximately \$500,000. The line, day, the gain over horse-drawn methods which is about twenty-five miles in in many cases is little short of extralength, extends from Airolo, Switzerland, ordinary. In the last twelve months fenen pass, and ends at Ulrichen, in the mercial cars alike have been exercising Valais region, on the Italian side of the the greatest ingenuity in their efforts to "speed up" the handling of commodities by motor trucks. Methods of loading and unloading have been improved to a remarkable extent. One wholesale grocery trucks are loaded on the warehouse floors, sent down the elevator to the loading platform, and there await the return of a motor truck, when they are immediately wheeled into place two on each chassis, and start on their way to the customers without delay.

Another installation illustrating the

with sets of steel rollers, similar to those forming the bed of the motor truck.



ELECTRIC AUTOMOBILE

Emerson & Orme DISTRIBUTERS 1407 H Street N.W. Phone Main 7695

IMMEDIATE DELIVERIES

AUTO TIRE ADJUSTER

Experiment Proves Highly His Position Likened to That of a Base Ball Umpire.

entral states are looking forward with business that the public does not hear some anxiety to the advent of cold weath- much about-the adjuster for the tire sent the driver to the repair shop to find er and its effect on the manner in which manufacturer. He is a mystery to the the present grades of gasoline will va- great bulk of the motor car owning pubporize when the crank is applied to a cold lic, and a target for the wiles of the unscrupulous. His position, summed up in Some up-to-date information on cold brief, is much on a par with that of an weather starting has been developed dur- umpire in a world series, and many a ing the past summer, by experiments time, like Connolly in the game at Philamade in cold storage, under the auspices delphía, when he called out Strunk at the of automobile engineers. These experi- plate and the latter hollered, he has to chide the kicker with the word "behave." And yet this same adjuster is about the most human being connected with the business, and is often misunderstood by motor car owners. In the first place, your adjuster must necessarily be an expert on his subject, as hit-and-miss deisions would do irreparable injury to both the public and the tire concern.

Give Accurate Account.

If a casing happens to give less than the usual mileage, the adjuster's talents are brought into play, whereby the owner is fitted out with a new one at a price sometimes on the mileage attained deducted from a set mileage basis.

An out-and-out defect presents itself to the adjuster at once, but it is in the occasionally finds himself in a climate claimed mileage attained that the play around zero several tests were made, of wits takes place. Considering the great number of motor cars in use, it is astonternal application of warmth. The most ishing how many owners give an accueffective as well as the most simple plan rate account of their tire mileage, and what is more, in the greatest percentage over the intake. The car had been left of cases, the adjuster's estimate figures up with those recorded on the speed-

Here is where his technical knowledge brought into play. Your adjuster is highly trained in the seats of manufacture, and he can tell by the feel of the casing, the rubber remaining on the tread and his deductions from the answers of the claimant just how far the ire in question ran.

Dodgers Try His Patience.

But it is the artful dodgers that try his patience and his adjusting ability They come in with ragged casings that even an amateur in tire lore could see had thousands of miles and blandly claim that the poor abused shoe had seen only an asphalt run of several hundreds. However, your salesman adjuster does Farmers Prosperous and Are Buying not let them get away with it. The as the man who makes an honest statement of his mileage, and eventually they abandon the ranks of those who expect o get something for nothing. As a rule the adjuster leans toward the consumer. His business is to keep the latter satisfied, and he well knows that

Keeping Windshield Clean.

of the customer.

Various have been the means evolved keep the windshield clean in stormy weather, so that the view of the chauffeur is not obstructed. The latest and about the most freakish yet has appeared automobile. Bumper crops are reported in England, and has been patented. It consists of a special device, applied the windshield. Just opposite the chauffeur's head a circular hole is cut in the shield, and a fan fitted. This fan is driven at a high rate of speed by the engine, and has its blades so turned that it produces a draught which opposes that produced by the motion of the car. This prevents rain and snow from getting that it and at the same time the fan having motored down in their Stevens- past it, and at the same time the fan does not obstruct the driver's vision, on account of its high rate of speed.

ulean Electric Gear Shift

first see it.

maybe you haven't-

H. P. machine-

You can drive the electrically con-

We mean just that - without excep-

Maybe you have driven a car before—

Electricity makes it possible for you to

It doesn't make a bit of difference.

drive with master-hand this powerful 65

Electricity-and Elwood Haynes.

quered Haynes within 30 minutes after you

Care of Grease Cups.

Grease cups about a car are not placed where it is thought they may be ornamental, but where they are needed; nor will they do their work without attention, They should be given a small turn every day or two, and filled up when empty. Recently a driver ruined a tire simply through neglecting the grease cup on the bolt on which the front wheel spindle lack of lubrication, with the result that the spindle could hardly be turned, giving a great deal of stiffness to the steerof the wheel. The result was that one car. day when that tire was punctured, the usual jolts that the driver would have felt got no further than the rusty bolt, and the flat tire was driven on until it was ruined. The cost of the new casing

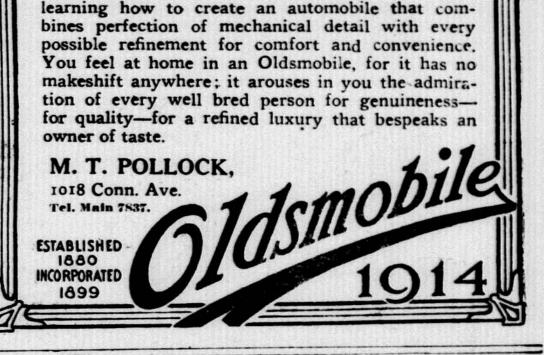
down with emery cloth, and replaced, with instructions to give the grease cup on top a turn every few days.

Ford Cars Delivered.

Ford cars were delivered during the week ended yesterday as follows; J. F. Kelchner, Orange Automobile Company, E. S. Barton, E. C. Thomas, Middaugh & Shannon, Nokesville Auto Company, G. The bolt became rusted through F. Mayer, George C. Pumphrey, Tayloe & Hunter, H. G. Machen and Clinton R. Cox, touring cars; M. S. Carlin, a runing, and taking all the sensitiveness out about, and Mrs. H. P. Neale, a town

1914 Studebaker Deliveries.

A 1914 Studebaker "Six" touring car, out what made the gear so stiff, when to E. R. Perry; a "30" touring car to J. after a thorough search the rusty bolt W. Brown, and "25" touring cars to O. was found. It was then cleaned, dressed W. Hines and H. S. Briant.



Oldsmobile Model 54 represents 16 years of



Before you finally decide on which electric you want, get the advice of an experienced owner. A person who has lived with a car day in and day out can give you more valuable advice than you will get in any salesroom.

There are many thousands more owners of Baker Electrics than of any other electric on the market. We shall be very glad to refer you to any Baker Electric owner in this city.

The Cook & Stoddard Co. 1138-40 Conn. Ave.

Tel. N. 7810

Tel. N. 7810

control intermediate and high speeds-button "R" is for re-FIRST STARTER SPEED Vulcan Electric This is the Gear Shift. Steering Wheel SECOND HORN of the Haynes Cars REVERSE NEUTRAL THIRD SPEED CONO YOU CAN DRIVE THE

America's first car

It was Elwood Haynes who built America's first automobile-

It is to Elwood Haynes that we owe the greater part of the automobile improvements of the last 20 years-

And it is again Elwood Haynes who comes forward with the adoption of the greatest of all improvements and shifts the gears of your car by electricity.

He gives you the complete mastery of the automobile in a single set of push but-

PROBEY-HAYNES MOTOR CO., 1230 Wis. Ave. N.W. Tel. West 213. The Haynes Automobile Co., Kokomo, Ind.

You will never know just how much this means

until you ask your dealer to teach you in 30 minutes to drive the electrically conquered Hayne

